Neuartige Cuff-Elektrode und Verfahren zur Erzeugung dieser.

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DE19750043

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Inventor:

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DR (DE)

Classification:

- international:

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- european:

A61N1/05S

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WO9924109 (A3) WO9924109 (A2)

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Abstract of DE19750043

The present invention relates to a configuration which comprises multiple electrodes placed on a flexible substrate and which can be used in the fields of medicine and biology. State-of-the-art electrodes are commonly made of wires introduced into the tissues or comprise metal plates inserted by hand in between silicon layers. These electrodes usually cause wounds in the nerve tissues and finally induce nerve cell death or restrain the positioning precision as well as the number of electrodes. The purpose of this invention is to provide electrode configurations with a large number of electric poles, well-defined electrode surfaces and a precise distance between the different electrodes as well as between the electrodes and the tissues. To this end, the method implies the special use and the perfecting of micro-structure and micro-system techniques on bio-compatible and flexible materials such as polyimide and silicone. This method comprises forming and encapsulating metallic electrodes and inter-connection tracks on bio-compatible materials according to the thinfilm techniques. The new Cuff electrode is manufactured by joining two polymer sheets having a high E modulus on an intermediate elastomer layer having a low E modulus so as to obtain the desired final shape.

C Elektronic [4]

20 Ephrodustry [2]

Tell der Delangel [11] zur Synchesisten der ofinzelen Eubyndunce

A. ELECTRODS ACCORDING TO FIG. 2

E. BOING MARROW

C. LLECTRONIC 69 MODULE FOR

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BUNDESREPUBLIK **DEUTSCHLAND**



DEUTSCHES PATENT- UND MARKENAMT

® Offenlegungsschrift

® DE 197 50 043 A 1

197 50 043.9 ② Aktenzeichen: ② Anmeldetag: 12. 11. 97

(3) Offenlegungstag: 20. 5.99 (5) Int. Cl.⁶: A 61 N 1/05 A 61 F 2/02 A 61 F 2/48

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@ Erfinder: gleich Anmelder

66 Für die Beurteilung der Patentfähigkeit in Betracht zu ziehende Druckschriften:

> 195 25 570 A1 US 55 05 201 US 53 88 577 US 53 44 438 US 46 62 884 EP 02 86 284 A1 91 12 850 A1 WO 91 08 016 A1

NAPLES, Gregory G., et. al.: A Spiral Nerve Cuff Electrode for Peripheral Nerve Stimulation. In: IEEE Transactions On Biomedical Engineering, Vol.35, No.11, Nov. 1988, S.905-916;

Die folgenden Angaben sind den vom Anmelder eingereichten Unterlagen entnommen

Mouartige Cuff-Elektrode und Verfahren zur Erzeugung dieser

Beschreibung

Die Erfindung betrifft eine Anordnung von Elektroden entsprechend dem Oberbegriff in Anspruch 1 zur Anwendung im biologischen und medizinischen Bereich.

Die heute bekannten, zur Stimulation oder zur Messung elektrischer Signale im menschlichen Körper eingesetzten Elektroden bestehen entweder aus einzelnen Drähten, die in das Gewebe eingebracht werden, oder aus manuell zwischen Silikonschichten eingebetteten, flächigen Metallplättchen 10 (selfsizing Cuff-electrodes, Claude Verrat et al "Selective Control of Muscle Activation with a Multipolar Nerve Cuff Electrode", IEEE Transaction of Bioamedical Engineering, Vol. 40 No 7, July 93).

führen zu einer Verletzung des Nervengewebes, was über eine starke Vernarbung zunächst zu einer schlechteren Versorgung und letztlich zum Absterben der entsprechenden Nervenzellen führt, Dieser Nachteil wird bei Verwendung von Cuft-Elektroden, die in Silikonplättchen eingelagert 20 sind und sich um den Nerv herumlegen, vermieden. Andererseits begrenzt die manuelle Herstellung der Cuff-Elektroden (manuelles Ausschneiden der Platinelektroden, manuelle Positionierung zwischen Silikon-Schichten) die Plazierungsgenauigkeit, die Reproduzierbarkeit der Elektrodenflä- 25 chen und die Anzahl der Elektroden. Dadurch ist ihre Verwendung im medizinischen Bereich stark eingeschränkt.

Eine Weiterentwicklung der o.g. manuell gefertigten Cuff-Elektroden stellt die von Grill, Creasey, Ksienski, Verrart und Mortimer vorgeschlagene Variante dar (WO 30 93/20887). Hier werden die Elektroden auf einer Folie aus Polymer-Material mit Hilfe der Dünnschichttechnik erzeugt. Der Vorteil ist hier, das die Elektrodenstrukturen mit wesentlich höherer Präzision erzeugt werden können als in der manuell gefertigten Variante. Damit diese Elektrode um 35 den Nerv herum angelegt werden kann, muß sie ebenso wie die manuell hergestellte Variante zwischen zwei Elastomerplättchen (vorzugsweise Silikon) eingebettet werden, wobei bei einem Plättchen vor dem Verkleben des Stapels durch wohldefiniertes Recken eine bestimmte Zugspannung er- 40 zeugt wird. Nach Entspannen des Stapels rollt sich dieser zu einer zylindrischen Rolle auf, wobei der sich ergebende Durchmesser der Rolle von der Dicke der Plättchen, dem Elastizitätsmodul der verwendeten Materialien, sowie der zuvor eingestellten Zugspannung abhängt. Die o.g. Autoren 45 der Veröffentlichung WO 93/20887 schlagen auch weitere Verfahren vor, die alle darauf hinauslaufen, bei den (die eingebettete Trägerfolie bedeckenden) Polymerplättchen, innen eine Zugspannung und/oder außen eine Druckspannung zu erzeugen. Diese Art der Cuff-Elektrodenherstellung wird 50 auch in WO 96/08290 von Stieglitz und Meyer erwähnt. Alternativ schlagen Stieglitz und Meyer die Verwendung von Formgedächtnislegierungen (Shape Memory Alloy) vor. Die technische Realisierbarkeit mit Hilfe von Formgedächtnislegierungen erscheint jedoch zweifelhaft.

Bis heute ist nach unserer Kenntnis eine technische Realisierung einer Cuff-Elektrode entsprechend den genannten Beschreibungen WO 93/20887 und WO 96/08290 nicht erfolgt. Der Grund hierfür ist möglicherweise, daß für die eingebettete Polymerfolie nur Materialien (PI, PE, PTFE; ...) 60 mit einem verhältnismäßig hohen E-Modul in Frage kommen, für die äußeren Elastomer-Plättchen, auf Grund der Biokompatibilität jedoch nur Silikon mit seinem sehr niedrigen E-Modul in Frage kommt, Hieraus ergibt sich, daß die muß, und die praktische Einsetzbarkeit der gesamten Cuff-Elektrode in Frage gestellt wird.

Weiterhin ist mit bisher zur Verfügung stehenden Elektro-

denanordnungen nicht gleichzeitig eine ortsspezifische und nervendurchmesserspezifische Stimulation möglich. Da ein Nerv (Hirnnerv, Rückenmarksnerv oder peripherer Nerv) aber aus vielen Tausend einzelnen Nervenfasern besteht, muß es Ziel jeder Stimulation sein, möglichst selektiv einzelne Nervenfasem eines Gesamtnerven zu reizen, ohne die Zellstruktur des Nerven zu verletzen. Einzelne Nervenfasern eines Nerven unterscheiden sich hinsichtlich ihrer Lokalisation im Nerv und hinsichtlich ihres Faserdurchmessers. Bisher war es nur möglich, selektiv zu stimulieren hinsichtlich des Faserdurchmessers oder hinsichtlich der Faserlokalisation, aber nicht gleichzeitig beide Selektionskriterien zu berücksichtigen.

Aufgabe der Erfindung ist es, Elektrodenanordnungen mit Die einzelnen, im Gewebe plazierten Drahtelektroden 15 höherer Anzahl elektrischer Pole, gut definierten Elektrodenflächen, präzisem Abstand der Elektroden untereinander sowie zum Gewebe bereitzustellen, um eine gleichzeitige orts- und diameterselektive Stimulation im µm-Bereich durchführen zu können. Eine weitere Anforderung an die Elektrode ist, daß sie in ihrer Ausführung sehr dünnwandig (<100 µm) sein sollte. Solche Elektrodenanordnungen können beispielsweise zur Stimulation von Spinalnerven oder des Sehnervs eingesetzt werden.

> Hierzu muß ein Polymerträger, auf dem eine Leiterzugstruktur aufgebracht wurde, zu einer "Manschette" mit einem der Nervengröße entsprechenden Durchmesser im Bereich von einigen Millimetern bis zu einigen zehntel Millimetern geformt werden. Sie muß sich um einen Nerven herumwikkeln, ohne diesen zu "quetschen", aber auch fest genug sein um eine Bewegung relativ zum Nerven zu verhindern. Eine Besonderheit bezüglich der Anforderungen an diese "Manschette" ist, das der Nervenform entsprechend, diese nicht zwangsläufig kreisrund sein muß, sondern dem Profil des Nervenquerschnitts angepaßt sein sollte. Ein Verfahren hierzu wird im Folgenden beschrieben.

> Die Aufgabe wird durch eine spezielle Anwendung und Weiterentwicklung von Mikrostrukturtechniken und Mikrosystemtechnik auf biokompatible, flexible Materialien (Polyimide, Silikon) gelöst. Hierbei werden Metallelektroden und Leiterzüge in Dünnschichttechnik auf biokompatiblen Materialien erzeugt und verkapselt. Die Erzeugung der neuartigen Cuff-Elektrode erfolgt durch Verbinden von zwei Polymerfolien mit hohem E-Modul über eine Zwischenschicht bestehend aus einem Elastomer mit niedrigem E-Modul in der gewünschten Endform, entsprechend der Beschreibung in Anspruch 1.

Vorteile der Erfindung sind:

- Ermöglichung extrem dünnwandiger Elektroden (eine Wandstärke < 100 μm wurde schon verwirklicht!),
- Adaption des Elektrodenträgers auch an nicht zylindersymmetrische Gewebeformen.
- Gute Anpassung des Elektrodenaufbaus an die Materialeigenschaften geeigneter biokompatibler Werkstoffe (Polyimide, Silikon),
- Gleichzeitige orts- und diameterselektive Stimulation des Nerven mit extrem präziser Plazierung der Elektrodenslächen zum Nervengewebe,
- Möglichkeit zur Fertigung in hohen Stückzahlen (Batchprozessierung) verbunden mit Kostenreduzie-

Im folgenden werden Ausführungsbeispiele der Erfinnotwendige Dicke der gereckten Silikonplatte sehr groß sein 65 dung anhand einer Zeichnung erläutert. Die Figuren der Zeichnung zeigen:

> Fig. 1: schematische Anordnung der Applikation eines Systems mit 8 dualselektiven Scannerelektroden um Ner

3

venwurzeln;

Fig. 2a: Ausführung einer dualselektiven Scannerelektrode;

Fig. 2b: Schema einer 3-polar axial/6-polar radialen Elektrode. Zur Veranschaulichung sind Trägerfolie (2) sowie Elektronik (4) nicht mit dargestellt;

Fig. 3: schematischer Verfahrensablauf zur Herstellung einer neuartigen Cuff-Elektrode.

Fig. 4: perspektivisch-schematische Darstellung einer neuartigen Cuff-Elektrode. Die Elektrodenöffnungen bzw 10 Kontaktöffnungen in der inneren Passivierungsschicht sind nicht mit dargestellt. Zur Darstellung des Schichtaufbaus sind die Schichtdicken stark überhöht! Eine höhere Windungszahl als die dargestellte ist ebenfalls möglich.

Beispielbeschreibung

Die Scannerelektrode soll zusammen mit Ansteuer- und Auswerteelektronik als System (Fig. 1) implantiert werden, um bei Patienten mit unterbrochener Reizleitung (z. B. 20 Querschnittsverletzung) sensible wie motorische biotechnische Verbindungen (Blasensteuerung, Steh- und Gangapparat) herzustellen. Ein Gesamtsystem besteht aus mehreren dualselektiven Elektroden (Fig. 2a, 2b), die jeweils auf einem Verband flexibler Trägerfolien (2) angeordnet sind, 25 welche um die Nerven (3) gewickelt werden. Dadurch kann, in Verbindung mit der dezentral auf den Trägern angeordnete Elektronik (4), eine lokale Erfassung von sensorischen Signalen und eine lokale Stimulation des Gewebes erreicht werden.

Hierzu muß auf jeweils einen Träger eine Anordnung mehrerer, unabhängig voneinander auslesenden bzw. stimulierenden Elektroden (Fig. 2b, Beispiel für 3-polare axiale/6-polare radiale Anordnung) angeordnet werden. Dabei bleibt die 3-polare axiale Anordnung für alle Anwen- 35 dungen gleich, während für höhere Ortsauflösungen die radiale Anordnung der Elektroden vervielfacht werden kann.

Die Herstellung der Elektroden (schematischer Ablauf siehe Fig. 3) wird durch Anwendung und Weiterentwicklung von Dünnschichttechniken u. a. auf organische, bio- 40 kompatible Materialen (Polyimide, Silikon) vorgenommen:

Als Ausgangsträgerfolie (2a) wird ein flexibler Kunststoff (z. B. Polyimid oder Silikon) verwendet, der als Folie zur besseren Handhabung auf einem festen, ebenen Träger aufgebracht wird. Auf dieser Folie wird über additive oder sub- 45 traktive Strukturübertragung eine Metalleiterzugstruktur (2b) erzeugt (siehe z. B. S. M. Sze, VLSI Technolgy McGraw-Hill, 1988). Über dieser Metalleiterzugstruktur wird ein dünner, biokompatibler isolierender Film (eine Passivierungsschicht, 2c) aufgebracht. Die Passivierung (2c) 50 der Metallisierung wird beispielsweise durch Aufspinnen von Flüssigsilikon vorgenommen, das nach Ablauf der Vernetzungsreaktion beispielsweise mit Hilfe von Laserablation oder Fotolithographie und Trockenätztechniken strukturiert wird, um die Elektroden (5a) sowie die Kontaktstel- 55 len (5b) zur Elektronik (4) frei zu legen.

Zur Passivierung der Folienrückseite wird diese vom Träger gelöst, gewendet, erneut auf einem ebenen Träger befestigt und ebenfalls beispielsweise durch Aufspinnen von Silikon (2d in der Darstellung vor der Vernetzungsreaktion) 60 beschichtet. Zur Formung der Ausgangsträgerfolie wird eine zweite Polyimidefolie (2f) auf das noch unvernetzte Silikon der ersten Folie aufgebracht und dieses "Sandwich" aufgerollt und in seiner endgültigen Form fixiert. Die Rückseite der zweiten Folie wurde zuvor ebenfalls beispielsweise 65 durch Aufspinnen von Silikon (2g) passiviert. Nach dem Vernetzen der Silikonzwischenlage (2e) bleibt die "Manschette" bzw. die neuartige Cuff-Elektrode in der Form er-

halten, in der sie während der Vernetzungsreaktion fixiert war. Es lassen sich also auch nichtzylindrische Querschnitte erzeugen. Andererseits ermöglicht das "weiche" Elastomer zwischen den "harten" Polyimidefolien auch das federnde Abwickeln der Elektrode, um diese am Nerv zu applizieren.

Sich selbst überlassen schnappt die Elektrode wieder in seine Ausgangsform zurück.

Nach Verbinden von Elektronik (4) und Trägerfolienverbund (2), beispielsweise in flip-chip-Technik, wird das gesamte Subsystem mit Ausnahme der Elektroden (5a) mit Flüssigsilikon (10) gekapselt. Die einzelnen Subsysteme werden durch ummantelte Drähte (9) verbunden.

Nach Implantation des Gesamtsystems erfolgt über ein in die Elektronik (4, 11) integriertes neuronales Netz eine Anpassung der über die Scannerelektroden applizierten Stimulationsmuster an die individuelle Situation des Patienten. Zur Stimulation werden dabei neu entwickelte multitrapezoidale Stromimpulse mit den Einstellparametern Reizform, Reizabstand, Reizfrequenz, Reizstrom und Reizrhythmus (on-off Phasen) eingesetzt.

Patentansprüche

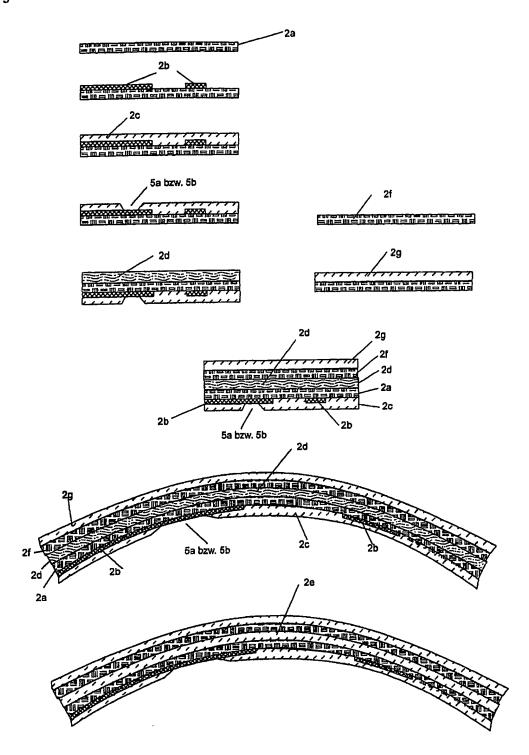
- 1. Vielfachanordnung von Elektroden auf flexiblem Träger zur Nutzung im biologisch-medizinischen Bereich, dadurch gekennzeichnet, daß zur Bildung des Trägers zwei dünne Polymerfolien mit hohem E-Modul über eine dünne Zwischenschicht aus einem Elastomer mit niedrigem E-Modul verbunden sind und dieser Folienverbund eine Manschette bildet, deren Form einem beliebigen (auch nicht kreisförmigen) Nervenquerschnitt anpaßbar ist.
- 2. Elektrodenanordnung nach Anspruch 1, dadurch gekennzeichnet, daß die Elektroden auf dem flexiblen Träger durch Dünn- oder Dickschichttechniken aufgebracht und strukturiert sind.
- 3. Elektrodenanordnung nach Anspruch 1 und 2, dadurch gekennzeichnet, daß mehrere radial und axial um den zu stimulierenden Nerv anliegenden Elektroden auf einer gemeinsamen Trägerfolie angeordnet sind (multipolare Anordnung).
- 4. Elektrodenanordnung nach Anspruch 1, dadurch gekennzeichnet, daß die Elektroden durch eine aufgesponnene und subtraktiv strukturierte Polyimid- oder Siliconschicht passiviert sind.
- 5. Elektrodenanordnung nach Anspruch 1 und 4, dadurch gekennzeichnet, daß die Siliconpassivierung mittels Fotolithographie und Trockenätzverfahren oder Laserablation strukturiert ist.
- 6. Elektrodenanordnung nach Anspruch 1, dadurch gekennzeichnet, daß die Kapselung des Elektrodenträgers durch aufgesponnenes Silicon vorgenommen ist.
- Elektrodenanordnung nach Anspruch 1, dadurch gekennzeichnet, daß die Elektrode durch Hybridtechniken mechanisch und elektrisch mit der Steuer- und Auswerteelektronik verbunden sind.
- 8. Elektrodenanordnung nach Anspruch 1, dadurch gekennzeichnet, daß mehrere Elektroden elektronisch zu einem System verbunden und synchronisiert ansteuerbar sind.
- 9. Elektrodenanordnung nach Anspruch 1, gekennzeichnet durch eine Stimulation der Elektroden mit multitrapezoiden Signalen.
- 10. Elektrodenanordnung nach Anspruch 1, dadurch gekennzeichnet, daß die Stimulationssignale über neu-

ronale Netze postoperativ adaptierbar sind,

Hierzu 5 Seite(n) Zeichnungen

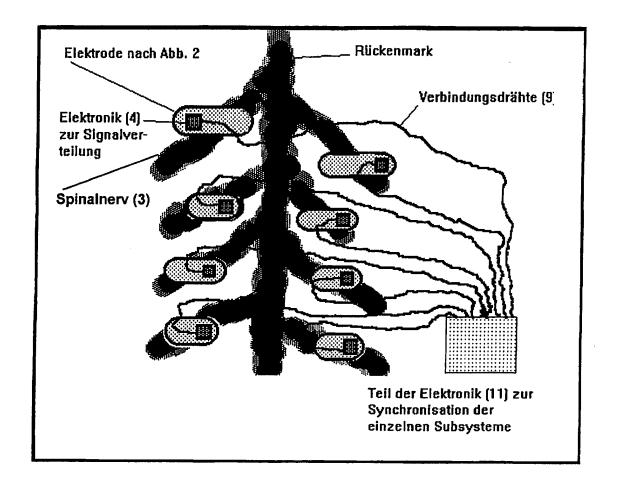
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Fig. 3



Nummer: Int. Cl.⁶; Offenlegungstag: DE 197 50 043 A1 A 61 N 1/05 20. Mai 1999

Fig. 1



Nummer: Int. Cl.⁶; Offenlegungstag:

DE 197 50 043 A1 A 61 N 1/05 20. Mai 1999

Fig. 2a

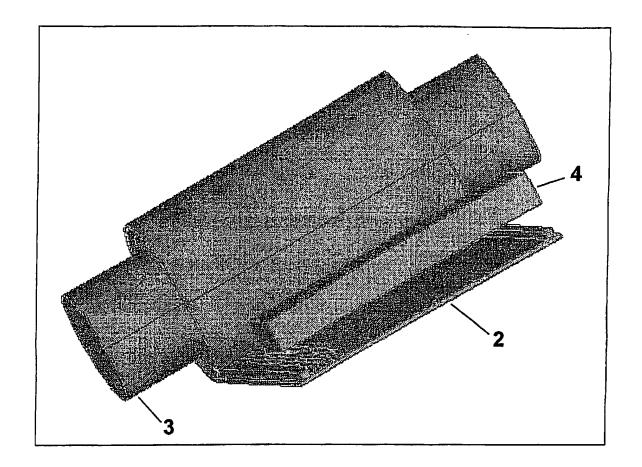
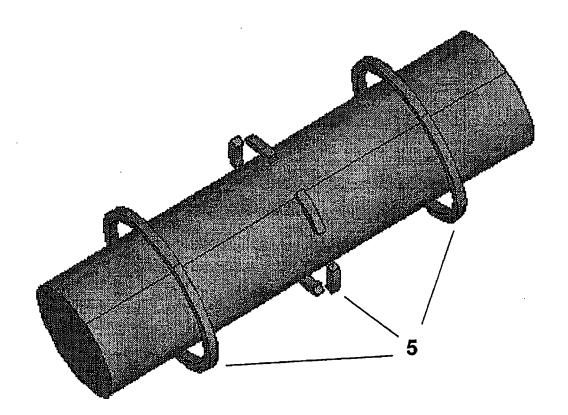
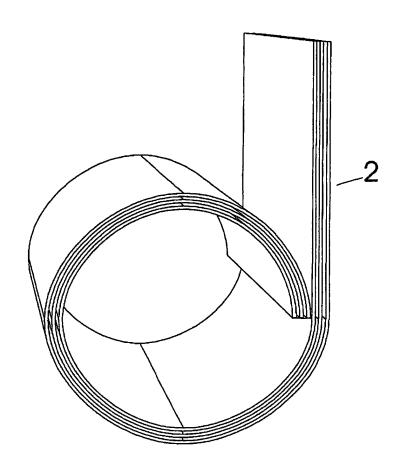


Fig. 2b



Nummer: Int. Cl.⁶; Offenlegungstag: DE 197 50 043 AT A 61 N 1/05 20. Mai 1999

Fig. 4





Fwd: New Message From Wyoming Department of Health - Email Our Department 5 messages

The Wdh <wdh@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Mon, Jul 9, 2018 at 11:36 AM

Thank you for your assistance.



Wyoming Department of Health 401 Hathaway Building Cheyenne, WY 82002 (307) 777-7656 wdh@wyo.gov

----- Forwarded message ------

From: Carole Novielli <mail@health.wyo.gov>

Date: Fri, Jul 6, 2018 at 10:42 AM

Subject: New Message From Wyoming Department of Health - Email Our Department

To: wdh@wyo.gov

You have a new message via the contact page of the website: Carole Novielli carolenovielli@gmail.com Message: Most recent abortion stats: Where can I locate the state's most recent abortion stats? thank you, Carole Novielli (Live Action News) carolenovielli@gmail.com

E-Mail to and from me, in connection with the transaction of public business, is subject to the Wyoming Public Records Act and may be disclosed to third parties.

Mariah Storey <mariah.storey1@wyo.gov> To: kim deti <kim.deti@wyo.gov>

Mon, Jul 9, 2018 at 2:41 PM

See request below. This appears to be a blog site similar to the last request from rewire news. Here's what I put in that request. I thought it best to send it to you before responding. Anything else we should add?

Thanks!

Thank you for contacting the Wyoming Department of Health's Vital Statistics Services (VSS) Office regarding information about Wyoming abortion statistics. We have received less than five reports over the last five years.

Please let me know if you have any other questions.

Mariah

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2016 VSS Annual Report.

Mariah Storey Vital Services Unit Supervisor 1-307-777-7632

mariah.storey1@wyo.gov [Quoted text hidden]

Kim Deti <kim.deti@wyo.gov>

To: Mariah Storey <mariah.storey1@wyo.gov>

Mon, Jul 9, 2018 at 3:03 PM

Maybe add something like "with numbers so low, the details we provide are limited due to privacy concerns."

[Quoted text hidden] [Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov>

Tue, Jul 10, 2018 at 8:40 AM

To: kim deti <kim.deti@wyo.gov>

How about?

Thank you for contacting the Wyoming Department of Health's Vital Statistics Services (VSS) Office regarding information about Wyoming abortion statistics. We have received less than five reports over the last five years with numbers so low, the details we provide are limited due to privacy concerns and state law.

Please let me know if you have any other questions.

Mariah

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2016 VSS Annual Report.

Mariah Storey Vital Services Unit Supervisor 1-307-777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

Kim Deti <kim.deti@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Tue, Jul 10, 2018 at 8:43 AM

From: Mariah Storey [mailto:mariah.storey1@wyo.gov]

Sent: Tuesday, July 10, 2018 8:41 AM To: kim deti <kim.deti@wyo.gov>

Subject: Re: New Message From Wyoming Department of Health - Email Our Department

How about?

Thank you for contacting the Wyoming Department of Health's Vital Statistics Services (VSS) Office regarding information about Wyoming abortion statistics. We have received less than five reports over the last five years. With numbers so low, the details we provide are limited due to privacy concerns and state law.

[Quoted text hidden]

8/2/2019

[Quoted text hidden] [Quoted text hidden]



Wyoming ITOP request

17 messages

Mariah Storey <mariah.storey1@wyo.gov> To: knight.nicole@rewire.news

Thu, Mar 8, 2018 at 12:42 PM

Good afternoon,

Thank you for contacting the Wyoming Department of Health's Vital Statistics Services (VSS) Office regarding information about Wyoming abortion statistics. We have received less than five reports over the last five years.

Please let me know if you have any other questions.

Mariah

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2016 VSS Annual Report.

Mariah Storey Vital Services Unit Supervisor 1-307-777-7632 mariah.storey1@wyo.gov

Nicole Knight <knight.nicole@rewire.news> To: Mariah Storey <mariah.storey1@wyo.gov> Thu, Mar 8, 2018 at 1:02 PM

Hi Mariah,

Thanks for the speedy response! So I take it that state law does not require tracking of induced abortion?

Nicole

Nicole Knight

Western regional reporter Rewire.News knight.nicole@rewire.news @nicolekshine | 949.735.6432

[Quoted text hidden]

[Quoted text hidden]

E-Mail to and from me, in connection with the transaction of public business, is subject to the Wyoming Public Records Act and may be disclosed to third parties.

Mariah Storey <mariah.storey1@wyo.gov> To: Nicole Knight <knight.nicole@rewire.news> Thu, Mar 8, 2018 at 1:40 PM

Hi Nicole.

No problem.

No, the reporting of ITOPs is required. W.S. title 35 chapter 6 covers abortions and reporting. W.S. 35-6-107 requires that the form to be completed by the attending physician and sent to the state health officer within 20 days after the abortion is performed. We do not have many facilities that perform abortions. Wyoming residents are likely leaving the state for those services.

Mariah

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2016 VSS Annual Report.

Mariah Storey
Vital Services Unit Supervisor
1-307-777-7632
mariah.storey1@wyo.gov

[Quoted text hidden]

Nicole Knight knight.nicole@rewire.news
To: Mariah Storey knight.nicole@rewire.news
To: Mariah Storey knight.nicole@rewire.news

Thu, Mar 8, 2018 at 2:22 PM

Hi Mariah.

Gotcha, thanks so much for explaining. This has been so helpful. So if there are so few, I'd like to make a public records request and ask for copies of the form required by W.S. 35-6-107 since 2012, with redactions for patient privacy. Let me know if you have questions please.

Best, Nicole

Nicole Knight

Western regional reporter Rewire.News knight.nicole@rewire.news @nicolekshine | 949.735.6432

[Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov>
To: Nicole Knight <knight.nicole@rewire.news>

Thu, Mar 8, 2018 at 2:51 PM

Hi Nicole,

Sorry I guess I could have made this easier by letting you know that the next section (WS 35-6-108) restricts the compilations and reports of abortions as an exception to matter of record, and specifies the compilations shall only be available to a local, state, or national public health official or physician upon written request.

Let me know if any other questions! Mariah

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2016 VSS Annual Report.

Mariah Storey
Vital Services Unit Supervisor
1-307-777-7632
mariah.storey1@wyo.gov

[Quoted text hidden]

Nicole Knight <knight.nicole@rewire.news> To: Mariah Storey <mariah.storey1@wyo.gov> Thu, Mar 8, 2018 at 3:22 PM

Hi Mariah,

Ok thanks for clarifying! So I know you said it's fewer than five in the last five years. So fewer than five since 2012? Can you share the exact number?

I'm also curious if the health department keeps any records or information on the states that Wyoming women travel to for abortions?

Thanks again, Nicole [Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov> To: Nicole Knight <knight.nicole@rewire.news> Thu, Mar 8, 2018 at 4:17 PM

Yes, less than five since 2012. On March 12, 2012 of that year, the Wyoming State Health Officer and the Vital Statistics Services office sent a letter to all licensed physicians in Wyoming reminding physicians that reports of abortion are required. Most physicians responded that they did not perform abortions in Wyoming.

We do not keep any records or information on other states but states can report information to the Center for Disease Control (CDC). On the website, they have a section titled "are data available for my own analysis" where you can download information. The latest information available is 2014, but the table gives numbers of abortions by the state where the abortion was performed by the state of residence. I pulled the data from the sheet and they have 642 Wyoming residents went to the surrounding states for the services in 2014. http://www.cdc.gov/ reproductivehealth/Data Stats/Abortion.htm

Good luck with your article!

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2016 VSS Annual Report.

Mariah Storey Vital Services Unit Supervisor 1-307-777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

Nicole Knight <knight.nicole@rewire.news> To: Mariah Storey <mariah.storey1@wyo.gov> Thu, Mar 8, 2018 at 5:17 PM

Thanks very much, I really appreciate your help!

Nicole Knight

Western regional reporter Rewire.News knight.nicole@rewire.news @nicolekshine | 949.735.6432

[Quoted text hidden]

Hi Mariah,

I'm still working on this story and hope to wrap it up shortly. One request, where could I find a blank ITOP form?

Best regards,

Nicole

Nicole Knight

Western regional reporter Rewire.News knight.nicole@rewire.news @nicolekshine | 949.735.6432

[Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov> To: Nicole Knight <knight.nicole@rewire.news> Thu, Mar 15, 2018 at 1:10 PM

Hi Nicole,

Attached is the form.

Mariah

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2016 VSS Annual Report.

Mariah Storey

Vital Services Unit Supervisor 1-307-777-7632

mariah.storey1@wyo.gov

[Quoted text hidden]



Wyoming Induced Termination of Pregnancy Reporting Form 97 (2).pdf

Nicole Knight <knight.nicole@rewire.news> To: Mariah Storey <mariah.storey1@wyo.gov> Fri, Mar 16, 2018 at 12:22 PM

Hi Mariah,

Thanks so much. After your initial emails, I reached out to abortion providers, and I have a story about this issue with my editors. It may come out today. Just giving you a heads up.

Thanks again for your help.

Best, Nicole

Nicole Knight

Western regional reporter Rewire.News knight.nicole@rewire.news @nicolekshine | 949.735.6432

[Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov> To: Nicole Knight <knight.nicole@rewire.news> Fri, Mar 16, 2018 at 3:36 PM

Hi Nicole,

Thank you for the heads up.

Have a good weekend! Mariah

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2016 VSS Annual Report.

Mariah Storey Vital Services Unit Supervisor 1-307-777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

Nicole Knight <knight.nicole@rewire.news> To: Mariah Storey <mariah.storey1@wyo.gov> Fri, Mar 16, 2018 at 4:01 PM

Hi Mariah, You too!

Best, Nicole

Nicole Knight

Western regional reporter Rewire.News knight.nicole@rewire.news @nicolekshine | 949.735.6432

[Quoted text hidden]

Nicole Knight <knight.nicole@rewire.news> To: Mariah Storey <mariah.storey1@wyo.gov> Wed, Mar 21, 2018 at 11:54 AM

I just wanted to check in and see if there had been any reaction there to the article?

Best regards, Nicole

Nicole Knight

Western regional reporter Rewire.News

knight.nicole@rewire.news @nicolekshine | 949.735.6432

[Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov> To: kim deti <kim.deti@wyo.gov>

Wed, Mar 21, 2018 at 12:22 PM

Hi Kim,

This is from the reporter that did the abortion article.

Mariah

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2016 VSS Annual Report.

Mariah Storey Vital Services Unit Supervisor 1-307-777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

Kim Deti <kim.deti@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov>

Wed, Mar 21, 2018 at 1:30 PM

I sent an email saying we had shared article with staff but no particular reaction and I asked her to send future inquires to me first.

[Quoted text hidden]

E-Mail to and from me, in connection with the transaction of public business, is subject to the Wyoming Public Records Act and may be disclosed to third parties.

[Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov> To: Kim Deti <kim.deti@wyo.gov>

Wed, Mar 21, 2018 at 2:45 PM

Thank you very much!:)

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2016 VSS Annual Report.

Mariah Storey Vital Services Unit Supervisor 1-307-777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

The numbers presented by the Wyoming Department of Health Vital Statistics Services (VSS) are based on abortions reported by Wyoming facilities. On March 12, 2012, in an attempt to obtain all abortion numbers, Vital Statistics Services and the State Health Officer sent approximately 3,000 questionnaires to Wyoming licensed physicians. The majority of responses indicated Wyoming physicians do not perform abortions within the state. Our efforts have not changed the number of procedures reported or received within VSS. For more information, Wyoming Statute 35-6-107 details the requirements for reporting an abortion within the state.

The Guttmacher Institute data is from a separate study, which surveyed all known abortion-providing facilities and physicians. This survey asked providers the number of induced abortions performed at their location. The agency can only comment on the numbers reported to VSS.



Fwd: New Message From Wyoming Department of Health - Email Our Department 4 messages

Wdh Vss <wdh.vss@wvo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Fri, Feb 9, 2018 at 12:20 PM

Fri, Feb 9, 2018 at 2:20 PM

----- Forwarded message -----

From: Linda Burt <mail@health.wyo.gov> Date: Thu, Feb 8, 2018 at 10:01 AM

Subject: New Message From Wyoming Department of Health - Email Our Department

To: wdh@wyo.gov

You have a new message via the contact page of the website: Linda Burt ldburt67@gmail.com Message: Does the Department keep statistics on fetal death and abortion? If so, could you direct me to the statute or regulations that requires this? Thank-you, Linda Burt

E-Mail to and from me, in connection with the transaction of public business, is subject to the Wyoming Public Records Act and may be disclosed to third parties.

E-Mail to and from me, in connection with the transaction of public business, is subject to the Wyoming Public Records Act and may be disclosed to third parties.

Mariah Storey <mariah.storey1@wyo.gov>

To: Mariah Storey <mariah.storey1@wyo.gov>

Cc: Alexia Harrist <alexia.harrist1@wyo.gov>, Guy Beaudoin <guy.beaudoin@wyo.gov>

Good afternoon Ms. Burt,

Fetal death/Stillbirth is considered a vital record and follows under the definitions of W.S. 35-1-401 (vi). Wyoming defines stillbirth as a birth after twenty (20) completed weeks of gestation in which a child shows no evidence of life after complete birth. The duties of the State Registrar are to receive, index, and statistically compile returns of births, deaths, stillbirths, marriages and divorces for the entire state. W.S. 35-1-407 a (i) requires that the local registrars register births, stillbirths, and deaths that occur in that district. W.S. 35-1-419 further specifies stillbirth registration requirements. W.S. 35-1-426 discusses the disclosure of these records.

Wyoming State Statues Title 35 Chapter 6 defines abortion and reporting requirements. W.S. 35-6-107 requires the Vital Statistics Office to develop a report for abortions (paragraph a) and then further specifies that the attending physician to send the report to the state health officer (Dr. Harrist cc'd in this response) within twenty days after the abortion is performed (paragraph b). W.S. 35-6-107 discusses the compilations of abortions and record exception.

Thank you, Mariah

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2016 VSS Annual Report.

Mariah Storey 777-7632

mariah.storey1@wyo.gov [Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov>

Fri, Feb 9, 2018 at 2:21 PM

To: Idburt67@gmail.com

Cc: Guy Beaudoin <guy.beaudoin@wyo.gov>, Alexia Harrist <alexia.harrist1@wyo.gov>

[Quoted text hidden]

Linda Burt <ldburt67@gmail.com> To: Mariah Storey <mariah.storey1@wyo.gov> Sat, Feb 10, 2018 at 8:54 AM

Thank-you - that is helpful. LB [Quoted text hidden]



New Message From Wyoming Department of Health - Email Our Department

1 message

Mariah Storev <mariah.storev1@wvo.gov>

Tue, Jul 10, 2018 at 8:48 AM

To: carolenovielli@gmail.com

Cc: kim deti <kim.deti@wyo.gov>, Guy Beaudoin <guy.beaudoin@wyo.gov>, Alexia Harrist <alexia.harrist1@wyo.gov>

Good morning,

Thank you for contacting the Wyoming Department of Health Vital Statistics Services (VSS) office regarding information about Wyoming abortion statistics. We have received less than five reports over the last five years. With numbers so low, the details we provide are limited due to privacy concerns and state law.

Thank you, Mariah

--- Forwarded message -----

From: Carole Novielli <mail@health.wyo.gov>

Date: Fri. Jul 6, 2018 at 10:42 AM

Subject: New Message From Wyoming Department of Health - Email Our Department

To: wdh@wyo.gov

You have a new message via the contact page of the website: Carole Novielli carolenovielli@gmail.com Message: Most recent abortion stats: Where can I locate the state's most recent abortion stats? thank you, Carole Novielli (Live Action News) carolenovielli@gmail.com

E-Mail to and from me, in connection with the transaction of public business, is subject to the Wyoming Public Records Act and may be disclosed to third parties

Fwd: New Message From Wyoming Department of Health - Email Our Department

24 messages

Wdh Vss <wdh.vss@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Tue, Jan 17, 2017 at 12:22 PM

- Forwarded message -From: The Wdh <wdh@wyo.gov> Date: Tue, Jan 17, 2017 at 10:58 AM

Subject: Fwd: New Message From Wyoming Department of Health - Email Our Department

To: wdh vss <wdh vss@wyo.gov>

Wyoming Department of Health 401 Hathaway Building Cheyenne, WY 82002 (307) 777-7656 wdh@wyo.gov

Forwarded message -

From: Michael Spielman <mail@health.wyo.gov>

Date: Tue, Jan 17, 2017 at 9:06 AM

Subject: New Message From Wyoming Department of Health - Email Our Department

To: wdh@wyo.gov

You have a new message via the contact page of the website: Michael Spielman michael@abort73.com Message: Hello—I'm looking for the total number of abortions performed in Wyoming for the years 2014 and 2015. Are those numbers available?

E-Mail to and from me, in connection with the transaction of public business, is subject to the Wyoming Public Records Act and may be disclosed to third parties.

E-Mail to and from me, in connection with the transaction of public business, is subject to the Wyoming Public Records Act and may be disclosed to third parties.

Mariah Storey <mariah.storey1@wyo.gov>
To: Guy Beaudoin <guy.beaudoin@wyo.gov>

Tue, Jan 17, 2017 at 1:10 PM

Okay with this response?

For those years, the number of reported abortions performed in Wyoming has been less than five.

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2015 VSS Annual Report.

Mariah Storey Vital Services Unit Supervisor 777-7632 mariah.storey1@wyo.gov

Guy Beaudoin <guy.beaudoin@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Tue, Jan 17, 2017 at 1:43 PM

ves [Quoted text hidden]

Guy Beaudoin 307-777-6042

[Quoted text hidden]

Deputy State Registrar Wyoming Department of Health

[Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov> To: Michael Spielman <michael@abort73.com> Tue, Jan 17, 2017 at 2:01 PM

Good afternoon.

For those years, the number of reported abortions performed in Wyoming has been less than five.

Thank you, Mariah Storey

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2015 VSS Annual Report.

Mariah Storey Vital Services Unit Supervisor 777-7632 meriah storey1@wyo.gov

On Tue, Jan 17, 2017 at 12:22 PM, Wdh Vss <wdh.vss@wyo gov> wrote:

Michael Spielman <michael@abort73.com> To: Mariah Storey <mariah.storey1@wyo.gov> Wed, Jan 18, 2017 at 5:51 AM

Thank you, Mariah.

The Guttmacher Institute just reported that there were 120 abortions in Wyoming in 2014; https://www.guttmacher.org/fact-sheet/state-facts-about-abortion-wyoming

In 2014, some 120 abortions were provided in Wyoming, though not all abortions that occurred in Wyoming were provided to state residents, as some patients may have traveled from other states...

Do you know why their numbers are different than yours?

Michael Spielman Loxafamosity Ministries

History will Know the Truth You Can Know it Today http://Abort73.com http://www.facebook.com/abort73 http://www.twitter.com/abort73 http://www.instagram.com/abort73 http://www.youtube.com/abort73

[Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov> To: Guy Beaudoin <guy.beaudoin@wyo.gov> Wed, Jan 18, 2017 at 6:56 AM

FYI: looking into his comment

Sent from my iPhone

Begin forwarded message:

[Quoted text hidden]

Guy Beaudoin <guy.beaudoin@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Wed, Jan 18, 2017 at 8:28 AM

Any word?

Sent from my iPhone

[Quoted text hidden] [Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov> To: Guy Beaudoin <guy.beaudoin@wyo.gov> Wed, Jan 18, 2017 at 8:33 AM

So it looks like the 120 is based on a survey of 3 physicians (1 is the clinic) in Wyoming that provide abortion services. It looks like they are reporting their numbers to Guttmacher but not to WDH. We know the clinic is Jackson and we did get a report from this facility. I'm wondering if they are only reporting abortions performed for Wyoming residents to WDH while they may be providing services to Idaho residents and not reporting them because they are Idaho residents. They may not realize that regardless of residency abortions needed to be reported if performed in Wyoming. That's just my assumption. I am drafting a response and will send it to you.

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2015 VSS Annual Report

Mariah Storey Vital Services Unit Supervisor 777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

Guy Beaudoin <guy.beaudoin@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Wed, Jan 18, 2017 at 8:40 AM

Okay. Thanks. We may want to run this by Dr Braund too.

Sent from my iPhone [Quoted text hidden] [Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov> To: Guy Beaudoin <guy.beaudoin@wyo.gov> Wed. Jan 18, 2017 at 8:41 AM

May be even Kim?

--Mariah

Please visit offer the 2015 V55 Annual Report

Mariah Storey

Vital Services Unit Supervisor

777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

Guy Beaudoin <guy.beaudoin@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Wed, Jan 18, 2017 at 8:43 AM

Yes, once we get it ready to go out

Sent from my iPhone

[Quoted text hidder [Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov> To: Guy Beaudoin <guy.beaudoin@wyo.gov>

Wed, Jan 18, 2017 at 8:43 AM

Response:

The numbers presented from our office are based on those abortions reported to us by facilities in our state. On March 12, 2012, in attempt to verify accuracy of the numbers, the Vital Statistics Services (VSS) office and the State Health Officer sent nearly 3,000 letters were sent to licensed physicians in Wyoming. Most responses that were received back stated that those doctors do not perform abortions in Wyoming. These efforts have not changed the amount of reports received at our office. For more information, Wyoming Statute 35-6-107 details the requirements for reporting an abortion to the State office.

The Guttmacher Institute data is from a separate study conducted by their organization that surveys the known abortion-providing facilities and physicians. The survey asks the number of induced abortions that were provided at their location. I really cannot speculate why these data are different.

---Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2015 VSS Annual Report

Mariah Storey

Vital Services Unit Supervisor

777-7632

mariah.storey1@wyo.gov

[Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.goy> To: Stephanie Pyle <stephanie.pyle1@wyo.gov> Wed, Jan 18, 2017 at 11:49 AM

Hello Stephanie,

We received this question from Mr. Spielman on numbers of abortions performed in Wyoming. Guy said you were expecting it Attached is the response to his question regarding numbers reported to VSS vs the Guttmacher Institute. Please edit/add/delete as you see fit or let me know if you are okay with the response. Let me know if you have any questions.

Thank you! Mariah

--Mariah

Please visit https://health.wvo.gov/admin/vitalstatistics/reports/ for the 2015 VSS Annual Report

Vital Services Unit Supervisor

777-7632

mariah.storey1@wyo.gov

Quoted text hidden!



☑ VSS response to Guttmacher Abortion numbers 2017.docx 49K

To: Stephanie Pyle <stephanie.pyle1@wyo.gov>

Mariah Storey <mariah.storey1@wyo.gov>

Wed, Jan 18, 2017 at 11:53 AM

Just to add Mr. Spielman runs an abort73 blog which is an anti-abortion advocacy group.

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2015 VSS Annual Report

Mariah Storey

Vital Services Unit Supervisor

777-7632

mariah.storey1@wyo.gov

[Quoted text hidden]

Stephanie Pyle <stephanie.pyle1@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Thu, Jan 19, 2017 at 1:52 PM

Hi Mariah

Here are our suggested modifications to the response. Please let me know if you have any questions.

Stephanie Pyle, MBA Deputy Administrator Public Health Division Wyoming Department of Health 6101 Yellowstone Road, Suite 420 Cheyenne, WY 82002 (307) 777-7958 office (307) 421-5479 cell

On Wed, Jan 18, 2017 at 11:49 AM, Mariah Storey mariah.storey1@wyo.gov wrote:

[Quoted text hidden]

(Quoted text hidden)



SS response to Guttmacher Abortion numbers 2017.docx 14K

Mariah Storey <mariah.storey1@wyo.gov> To: kim deti <kim.deti@wyo.gov>

Thu, Jan 19, 2017 at 2:09 PM

I spoke to you a little about this yesterday. Below is a request from Michael Spielman. I did a google search and he runs an anti-abortion blog/group (abort73). I'm sending a draft of our response to the question he posed with input from Stephanie on how to respond. We are sending it up to you since we think it has the potential to be controversial. Please let me know what questions you have.

Thank you,

[Quoted text hidden]



VSS response to Guttmacher Abortion numbers 2017 (1).docx

Mariah Storey <mariah.storey1@wyo.gov> To: Stephanie Pyle <stephanie.pyle1@wyo.gov> Thu, Jan 19, 2017 at 2:12 PM

Thank you Stephanie. I routed it up to Kim Deti for a final look. I will keep you in the loop.

---Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2015 VSS Annual Report.

Mariah Storey Vital Services Unit Supervisor 777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

Kim Deti <kim.deti@wyo.gov>

Thu, Jan 19, 2017 at 2:18 PM

To: Mariah Storey <mariah.storey1@wyo.gov> Cc: Guy Beaudoin <guy.beaudoin@wyo.gov>, Stephanie Pyle <stephanie.pyle1@wyo.gov>

I would suggest a much simpler response:

The numbers presented by the Wyoming Department of Health Vital Statistics Services (VSS) are based on abortions reported by Wyoming facilities to our department. For more information, Wyoming Statute 35-6-107 details the requirements for reporting an abortion within the state.

The Guttmacher Institute data is a separate, private effort. We have no involvement with that study. We can only provide information based on what is reported to our department.

[Quoted text hidden] [Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov>

Thu, Jan 19, 2017 at 2:25 PM

To: Kim Deti <kim.deti@wyo.gov>

We are good with that simpler response Kim. Thank you. Do you want me to respond with a CC to you and the others?

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2015 V55 Annual Report

Mariah Storey Vital Services Unit Supervisor 777-7632 mariah.storey1@wyo.gov

[Ouoted text hidden]

Kim Deti <kim.deti@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Thu, Jan 19, 2017 at 2:26 PM

That's up to you guys and Stephanie

Quoted text hidden Ouoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov>

To: Kim Deti <kim.deti@wyo.gov>

Thu, Jan 19, 2017 at 2:30 PM

Guy would like if you responded since it seems to be more in your wheelhouse so to speak.

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2015 VSS Annual Report.

Mariah Storey

Vital Services Unit Supervisor

777-7632

mariah.storey1@wyo.gov

[Quoted text hidden]

Kim Deti <kim.deti@wyo.gov>

To: Mariah Storey <mariah.storey1@wyo.gov>

Thu, Jan 19, 2017 at 2:32 PM

Is this person a reporter?

[Quoted text hidden] [Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov>

To: Kim Deti <kim.deti@wyo.gov>

Thu, Jan 19, 2017 at 2:35 PM

He's a blogger.

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2015 VSS Annual Report

Mariah Storey

Vital Services Unit Supervisor

777-7632

mariah_storey1@wyo.gov

[Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov>

To: Guy Beaudoin <guy.beaudoin@wyo.gov>

This request came in today. I pasted in last year how we responded. I think we should respond the same way.

"For those years, the number of reported abortions performed in Wyoming has been less than five."

Thank you.

Mariah Storey

The Wdh <wdh@wyo.gov> (sent by rusti.woods@wyo.gov)

to me

Thank you for your assistance.

Rusti

Wyoming Department of Health 401 Hathaway Building Cheyenne, WY 82002 (307) 777-7656 wdh@wyo.gov

- Forwarded message

From: Michael Spielman <mail@health.wyo.gov>

Date: Fri, Jan 19, 2018 at 7:22 AM

Subject: New Message From Wyoming Department of Health - Email Our Department

To: wdh@wyo.gov

You have a new message via the contact page of the website: Michael Spielman michael@abort73.com Message: Hello—I'm looking for the total number of abortions performed in Wyoming for available?

E-Mail to and from me, in connection with the transaction of public business, is subject to the Wyoming Public Records Act and may be disclosed to third parties.

--Mariah

Please visit https://health.wyo.gov/admini/vital/itanstics/reports/ for the 2016 VSS Annual Report. [Quoted text hidden] [Quoted text hidden]



Abortion Vital Statistics for Wyoming

4 messages

Madeline Mullholand <mmullhol@u.rochester.edu> To: mariah.storey1@wyo.gov

Wed, Oct 4, 2017 at 9:19 AM

Hello.

My name is Madeline Mullholand and I am assisting in developing a planning year for a statewide contraceptive initiative "Family Planning Elevated." I am collecting data for a contraceptive needs report. Part of our research is to look at how many Utah women go to surrounding states to seek abortions, and I was wondering if you could give us access to your vital statistics for abortions from 1995 to present day.

Thank you for your time,

-Madeline Mullholand

Madeline Mullholand B.A. Public Health: Health, Behavior, and Society University of Rochester '18 University of Rochester Women's Lacrosse mmullhol@u.rochester.edu LinkedIn Profile

Mariah Storey <mariah.storey1@wyo.gov> To: Guy Beaudoin <guy.beaudoin@wyo.gov> Wed, Oct 4, 2017 at 9:59 AM

See response to Madeline Below... short and simple.

Helio,

Thank you for contacting the Wyoming Department of Health's Vital Statistics Services (VSS) Office regarding information about Wyoming abortion statistics. Unfortunately, Wyoming State Law (35-6-108) restricts the sharing of data or compilations of data of abortion reporting to local, state, or national public health official or physicians.

Sincerely, Mariah Storey --Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2015 V5S Annual Report.

Mariah Storey Vital Services Unit Supervisor 777-7632 mariah.storey1@wyo.gov

Guy Beaudoin < guy.beaudoin@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Wed, Oct 4, 2017 at 10:46 AM

Just one item:

[Quoted text hidden]

Maybe add, "...national public health official(s), and...

Adding a plural (s) to official...

. . . .

[Quoted text hidden]

[Quoted text hidden]

E-Mail to and from me, in connection with the transaction of public business, is subject to the Wyoming Public Records Act and may be disclosed to third parties.

Guy Beaudoin 307-777-6042 Deputy State Registrar Wyoming Department of Health

E-Mail to and from me, in connection with the transaction of public business, is subject to the Wyoming Public Records Act and may be disclosed to third parties.

Mariah Storey <mariah.storey1@wyo.gov> To: Madeline Mullholand <mmullhol@u.rochester.edu> Wed, Oct 4, 2017 at 10:49 AM

Hello,

Thank you for contacting the Wyoming Department of Health's Vital Statistics Services (VSS) Office regarding information about Wyoming abortion statistics. Unfortunately, Wyoming State Law (35-6-108) restricts the sharing of abortion data or compilations of abortion data to only local, state, or national public health officials or physicians.

Sincerely, Mariah Storey

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2015 VSS Annual Report.

Mariah Storey Vital Services Unit Supervisor 777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]



Fwd: Wyoming's induced abortion reporting form

2 messages

Guy Beaudoin < guy.beaudoin@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Mon, May 8, 2017 at 1:22 PM

Mariah,

Could you assist Cristina?

Guv

----- Forwarded message -----

From: Cristina Yunzal-Butler <cyunzalb@health.nyc.gov>

Date: Mon, May 8, 2017 at 12:21 PM

Subject: Wyoming's induced abortion reporting form To: "guy.beaudoin@wyo.gov" <guy.beaudoin@wyo.gov>

Dear Mr. Beaudoin:

Is it possible to obtain a copy/mock-up of Wyoming's induced abortion reporting form? I am trying to find out if it has any questions on contraception. Thank you!

Cristina

Cristina Yunzal-Butler

Research and Analytics Unit

Office of School Health

NYC Dept of Health and Mental Hygiene

New address and phone:

One Court Square

Queens, NY 11120

(718) 310-2423

cyunzalb@health.nyc.gov

Sent from the New York City Department of Health & Mental Hygiene. This email and any files transmitted with it may contain confidential information and are intended solely for the use of the individual or entity to whom they are addressed. This footnote also confirms that this email message has been swept for the presence of computer viruses.

Guy: Beaudoin 307-777-6042 Deputy State Registrar Wyoming Department of Health

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Mariah Storey <mariah.storey1@wyo.gov> To: cyunzalb@health.nyc.gov

Mon, May 8, 2017 at 1:26 PM

Hello Christina,

Attached is our ITOP form. We have not updated for some time (1997). Let me know if you have any other questions.

Thanks, Mariah

--Mariah

Please visit https://health.wyo.gov/admin/vitalstatistics/reports/ for the 2015 VSS Annual Report.

Mariah Storey Vital Services Unit Supervisor 777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

Wyoming Induced Termination of Pregnancy Reporting Form 97 (2).pdf 33K



Request for Tabulations of Wyoming Data

5 messages

Alexandra Arpaia <aarpaia@guttmacher.org> To: "mariah.storey1@wyo.gov" <mariah.storey1@wyo.gov> Thu, Apr 23, 2015 at 12:21 PM

Dear Ms. Storey,

We are writing to ask if you would be able to provide us with some tabulations of Wyoming's abortion data for 2011:

1. One table: cross-tabulations of numbers of abortions (among residents, if possible):

age of woman (single years of age) by race/ethnicity (Non-Hispanic white, Non-Hispanic black, Non-Hispanic other, Hispanic).

[We need age in single years, or by the following age groups: (<15, 15-17, 18-19, 20-24, 25-29, 30-34, 35+)1

2. One table: cross-tabulation of numbers of abortions occurring in your state by woman's state of residence (i.e., including residents of other states).

We are asking for these tabulations from all 50 states, and will use the numbers to calculate updated statelevel pregnancy statistics, including estimates of unintended pregnancy among women 15-44 residing in each state as well as teen pregnancy rates by race and ethnicity for 2011. The Guttmacher Institute has published periodic estimates of teen pregnancy rates for individual states and the District of Columbia since 1988, allowing states to monitor trends over time. These statistics have been of great value to the public health by enabling comparisons of experiences and measurement of effectiveness of pregnancy prevention and other public health programs. Rates vary markedly by race and Hispanic ethnicity, so it is important to account for these variables. I have attached our most recent report on teen pregnancy statistics report with state-level estimates through 2010. We update these estimates when new data become available and we are hoping to complete our latest round of updates soon.

The Guttmacher Institute recognizes the importance of protecting sensitive data. We understand that any data tabulations you provide are not to be published or shared with others, and we have always maintained strict confidentiality in our use of these data. We never publish the abortion numbers as they are provided; they are adjusted by our own numbers of abortions by state of residence, as counted in our periodic national Abortion Provider Census. In fact, our census data are considered the most credible source for accurate counts of abortions in the U.S., used not only in our own work on unintended and teen pregnancy rates for the U.S., but also by the National Center for Health Statistics (NCHS) for their annual reports on U.S. pregnancies as well.

We appreciate your attention to this request. Please contact me or my assistant, Alex Arpaia, if you have any questions or need more information.

Sincerely,

Kathryn Kost, Ph.D.

Kathryn Kost, Ph.D.

Senior Research Associate

Guttmacher Institute

125 Maiden Lane

New York, NY 10038

(212) 248-1111, ext. 2288

kkost@guttmacher.org

Alex Arpaia

Research Assistant

Guttmacher Institute

125 Maiden Lane, 7th Floor

New York, NY 10038

Phone: 212-248-1111 Ext.2249

aarpaia@guttmacher.org

Mariah Storey <mariah.storey1@wyo.gov> To: Alexandra Arpaia <aarpaia@guttmacher.org>

Cc: Jim McBride <jim.mcbride@wyo.gov>, Guy Beaudoin <guy.beaudoin@wyo.gov>

Dear Ms. Arpaia and Ms. Kost,

Similar to past years, Wyoming Vital Statistics Services Office has not received any reports of abortions occurring inside Wyoming during 2011. Please let me know if you have any questions.

Thank you,

Mariah Storey

Wed, Apr 29, 2015 at 11:43 AM

--Mariah

Please visit http://www.health.wyo.gov/rfhd/vital_records/reports.html for the 2013 VSS Annual Report.

Mariah Storey Vital Services Statistician 777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

Alexandra Arpaia <a arpaia@guttmacher.org> To: Mariah Storey <mariah.storey1@wyo.gov>

Fri, Oct 23, 2015 at 12:02 PM

Hi Mariah,

We spoke a few months ago. I'm collecting data for 2013/2014 this time. Were any abortions reported for those years?

Thanks,

Alex

[Quoted text hidden]

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Mariah Storey <mariah.storey1@wyo.gov>

Sat, Oct 24, 2015 at 11:40 AM

To: Alexandra Arpaia <aarpaia@guttmacher.org>, Guy Beaudoin <guy.beaudoin@wyo.gov>

Hi Alex,

No. Wyoming has not reported abortions in 2013 or 2014. Our response is similar answer as prior years. Please let me know if you have any questions.

Thanks, Mariah

--Mariah

Please visit http://www.health.wyo.gov/rfhd/vital_records/reports.html for the 2013 VSS Annual Report.

Mariah Storey Vital Services Statistician 777-7632

mariah.storey1@wyo.gov

Alexandra Arpaia <aarpaia@guttmacher.org> To: Mariah Storey <mariah.storey1@wyo.gov>

Mon, Oct 26, 2015 at 7:47 AM

Hi Mariah,

Thanks for letting me know.

Best,



Mariah Storey <mariah.storey1@wyo.gov>

FW: AP Query on abortion stats

13 messages

kim deti <kim.deti@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Fri, May 15, 2015 at 11:27 AM

I haven't been asked this in awhile so I wanted to check. Have we had any reported abortions since 2010?

From: Neary, Ben [mailto:bneary@ap.org] Sent: Friday, May 15, 2015 9:33 AM To: Kim Deti (kim.deti@health.wyo.gov) Subject: AP Query on abortion stats

Hi Kim,

Following up on our conversation of a moment ago, I've got the following questions about abortions performed in Wyoming:

The most recent annual number of abortions performed and the number for every year going back to 2010?

The current number of licensed abortion clinics operating in the state and the number for 2010?

Thanks,

Ben



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Ben Neary

Reporter

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Cheyenne, WY 82001

8/2/2019

bneary@ap.org www.ap.org

T 307-632-9351

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msk dccc60c6d2c3a6438f0cf467d9a4938

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Mariah Storey <mariah.storey1@wyo.gov> To: kim deti <kim.deti@wyo.gov>

Fri, May 15, 2015 at 11:33 AM

Hi Kim,

Nothing has changed. We haven't received reports.

Thanks, Mariah

--Mariah

Please visit http://www.health.wyo.gov/rfhd/vital_records/reports.html for the 2013 VSS Annual Report.

Mariah Storey Vital Services Statistician 777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

kim deti <kim.deti@wyo.gov>

To: Mariah Storey <mariah.storey1@wyo.gov>

Fri, May 15, 2015 at 11:34 AM

So I would say we have received no reports of abortions performed in Wyoming for 2010, 2011, 2012, 2013 or 2014?

[Quoted text hidden] [Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov> To: kim deti <kim.deti@wyo.gov>

Fri, May 15, 2015 at 11:37 AM

You can say less than 5 over those years since we a few one year but can't report any

Sent from my iPhone

[Quoted text hidden]

[Quoted text hidden]

[Quoted text hidden]

[Quoted text hidden]

8/2/2019

<image001.jpg>

<image002.jpg>

Ben Neary

2121 Evans Ave

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Cheyenne, WY 82001

bneary@ap.org www.ap.org

T 307-632-9351

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[Quoted text hidden] [Quoted text hidden]

2 attachments



ASSOCIATED PRESS 15K

image002.jpg

kim deti <kim.deti@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov>

Fri, May 15, 2015 at 2:17 PM

thanks

[Quoted text hidden] [Quoted text hidden]

kim deti <kim.deti@wyo.gov>

Fri, May 22, 2015 at 2:23 PM

To: korin schmidt <korin.schmidt1@wyo.gov>, Jim McBride <jim.mcbride@wyo.gov>, Mariah Storey <mariah.storey1@wyo.gov>

Not surprisingly, Ben from AP called with some follow up questions on this issue.

First of all, he is questioning our practice of not providing an actual number when it's less than five statewide and asks how does that risk providing identifiable information?

Second, he would like to perhaps expand on why physicians don't report the procedure and asks if there is any enforcement if they don't. I did mention to him that I know from time to time we have send reminders to providers of the reporting requirement.

From: kim deti [mailto:kim.deti@wyo.gov] Sent: Friday, May 15, 2015 4:28 PM

To: 'Neary, Ben'

Subject: FW: AP Query on abortion stats

I'm told according to W.S. § 35-6-107 through 109, physicians are required to complete and submit annually to the Wyoming Department of Health (WDH) an Induced Termination of Pregnancy Reporting (ITOP) form if they perform or prescribe an abortion in Wyoming.

The reports would identify the physician and a facility, but I'm told there are limits in statute on what we could retain and report. Obviously, we do not receive many of these reports.

From: kim deti [mailto:kim.deti@wyo.gov] Sent: Friday, May 15, 2015 2:17 PM

To: 'Neary, Ben'

Subject: RE: AP Query on abortion stats

For each year going back to 2010, the number of reported abortions performed in Wyoming has been less than five. (For statistics provided by our Office of Vital Statistics Services, the standard practice is that we don't provide an exact number of people if the number is less than five due to privacy concerns.)

We do not specifically license abortion clinic facilities through our Office of Healthcare Licensing and Surveys so we have no information available for the second question. There's just no specific requirement or facility category.

From: Neary, Ben [mailto:bneary@ap.org] Sent: Friday, May 15, 2015 9:33 AM To: Kim Deti (kim.deti@health.wyo.gov) Subject: AP Query on abortion stats

Hi Kim,

Following up on our conversation of a moment ago, I've got the following questions about abortions performed in Wyoming:

The most recent annual number of abortions performed and the number for every year going back to 2010?

The current number of licensed abortion clinics operating in the state and the number for 2010?

Thanks,

Ben

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2121 Evans Ave **Ben Neary**

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Tue, May 26, 2015 at 9:16 AM

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[Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov>

To: kim deti <kim.deti@wyo.gov>

Cc: korin schmidt <korin.schmidt1@wyo.gov>, Jim McBride <jim.mcbride@wyo.gov>, Guy Beaudoin <guy.beaudoin@wyo.gov>

We follow National Vital Statistics Services Office policy that any cell counts of less than five even at a statewide should not be published at the risk of identification.

However, let's back up a second. A let him know that 35-6-108 limits the reporting of abortions. "The compilations shall be available only to a local, state, or national public health official or physician upon his written request." Even if we had any numbers to compile we would not be able to report to anyone except those entities.

For his second question....

On March 12, 2012, in coordination with the State Health Officer, nearly 3,000 letters were sent to licensed physicians in Wyoming. Most responses that were received back stated that those doctors do not perform abortions in Wyoming. I attached the letter in case you want to send him the letter that was sent.

Let me know if you want to discuss anything else.

Mariah

--Mariah

Please visit http://www.health.wyo.gov/rfhd/vital_records/reports.html for the 2013 VSS Annual Report.

Mariah Storey Vital Services Statistician 777-7632

mariah.storey1@wyo.gov

[Quoted text hidden]



kim deti <kim.deti@wyo.gov>

Wed, May 27, 2015 at 3:34 PM

To: Mariah Storey <mariah.storey1@wyo.gov>

Cc: Korin Schmidt <korin.schmidt1@wyo.gov>, Jim McBride <jim.mcbride@wyo.gov>, Guy Beaudoin <guy.beaudoin@wyo.gov>

Thanks. This is very helpful.

Is there anything in your rules that talks about enforcement of the requirement to report? We want to double check that before I respond to the reporter.

[Quoted text hidden] [Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov>

Wed, May 27, 2015 at 4:54 PM

To: kim deti <kim.deti@wyo.gov>

Cc: Korin Schmidt <korin.schmidt1@wyo.gov>, Jim McBride <jim.mcbride@wyo.gov>, Guy Beaudoin <quy.beaudoin@wyo.gov>

There is nothing in statute that discusses the enforcement of reporting. The statute says that the attending physician has 20 days to submit the form prescribed by Vital Records Services. It outlines what should be in the report and not in the report; it outlines who can request a compilation of the reports; and lastly specifies that any reports and compilations of the reports are not to be stored electronically.

Penalties in this section speak more to the abortion procedures.

35-6-102,103 and 104--speaks to the viability of the embryo or fetus

35-6-111--only physicians and commonly accepted medical procedures

35-6-113,114 which is that a person is not required by law to perform an abortion-a physician can refuse.

35-6-115 -- no selling or giving away the aborted child for experimentation

35-6-116--no advertising drug or nostrum for procuring abortion or miscarriage

35-6-118--outlines the procedures for minors and a gives penalty for violation of it

--Mariah

Please visit http://www.health.wyo.gov/rfhd/vital_records/reports.html for the 2013 VSS Annual Report.

Mariah Storey

Vital Services Statistician 777-7632

mariah.storey1@wyo.gov

[Quoted text hidden]

kim deti <kim.deti@wyo.gov>

Wed, May 27, 2015 at 4:55 PM

To: Mariah Storey <mariah.storey1@wyo.gov>

Cc: Korin Schmidt <korin.schmidt1@wyo.gov>, Jim McBride <jim.mcbride@wyo.gov>, Guy Beaudoin <guy.beaudoin@wyo.gov>

What about in your administrative rules?

[Quoted text hidden] [Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov>

Wed, May 27, 2015 at 5:02 PM

To: kim deti <kim.deti@wyo.gov>

Cc: Korin Schmidt <korin.schmidt1@wyo.gov>, Jim McBride <jim.mcbride@wyo.gov>, Guy Beaudoin <guy.beaudoin@wyo.gov>

No not in the administrative rules either.

--Mariah

Please visit http://www.health.wyo.gov/rfhd/vital_records/reports.html for the 2013 VSS Annual Report.

Mariah Storey Vital Services Statistician 777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

kim deti <kim.deti@wyo.gov>

To: Mariah Storey <mariah.storey1@wyo.gov>

Wed, May 27, 2015 at 5:07 PM

Thanks! We keep getting these questions so I want to have a good, complete answer we can be consistent with

[Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov>

To: kim deti <kim.deti@wyo.gov>

Wed, May 27, 2015 at 8:36 PM

Yes definitely a good idea!

Sent from my iPhone

[Quoted text hidden]

[Quoted text hidden] [Quoted text hidden] [Quoted text hidden] [Quoted text hidden]

[Quoted text hidden]

<image001.jpg>

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Ben Neary

Reporter

bneary@ap.org

www.ap.org

[Quoted text hidden] [Quoted text hidden]

2121 Evans Ave

2nd Floor

Cheyenne, WY 82001

T 307-632-9351



Mariah Storey <mariah.storey1@wyo.gov>

Fwd: WDH Web Site Notification

2 messages

the wdh <wdh@wyo.gov> To: Mariah Storey <mariah.storey1@wyo.gov> Wed, May 20, 2015 at 10:00 AM

Wyoming Department of Health 401 Hathaway Building Cheyenne, WY 82002 (307) 777-7656 wdh@wyo.gov

----- Forwarded message ------From: <noreply.wdh@wyo.gov> Date: Wed, May 20, 2015 at 8:31 AM Subject: WDH Web Site Notification

To: wdh@wyo.gov

Division: Wyoming Department of Health

Name: Rebecca Gonzales Email: rgonzales@sba-list.org

Message:

According to the Center for Disease Control and Prevention, Wyoming is required to report their abortions records. Is there a way I could locate more recent abortion records? When does the Department of Health plan on publishing more recent records? Lastly, how much does it cost to compile and publish annual reports? I look forward to hearing from you.

Thank you. Rebecca Gonzales (202) 223-8073 rgonzales@sba-list.org

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Mariah Storey <mariah.storey1@wyo.gov> To: Guy Beaudoin < guy.beaudoin@wyo.gov> Wed, May 20, 2015 at 10:29 AM

Please see below for response to the inquiry. Rebecca is from the susan b anthony pro-life group.

Hello Ms. Gonzales,

Thank you for contacting the Wyoming Department of Health's Vital Statistics Services (VSS) Office regarding information about Wyoming abortion statistics. Wyoming state law (W.S. 35-6-107) does require the filing of abortions performed within the state; however, for several years (from 2010 to current) VSS has not received any reports of abortions. On March 12, 2012, in coordination with the State Health Officer, nearly 3,000 letters were sent to licensed physicians in Wyoming. Most responses that were received back stated that those doctors do not perform abortions in Wyoming. With that said, the data from the CDC is the most current data available for Wyoming residents.

Please contact VSS at (307) 777-7632 if you would like further information.

Sincerely, Mariah Storey

--Mariah

Please visit http://www.health.wyo.gov/rfhd/vital_records/reports.html for the 2013 VSS Annual Report.

Mariah Storey Vital Services Statistician 777-7632 mariah.storey1@wyo.gov [Quoted text hidden]



Mariah Storey <mariah.storey1@wyo.gov>

FW: Photo of sign in Casper

9 messages

kim deti <kim.deti@wyo.gov>

To: Mariah Storey , Guy Beaudoin <a href="mar

Fri, May 15, 2015 at 3:28 PM

Is this still the accurate statutory requirement for abortion reporting?

From: Jim McBride [mailto:jim.mcbride@wyo.gov]

Sent: Wednesday, May 30, 2012 5:05 PM

To: Dale Bohren Cc: kim deti

Subject: Re: Photo of sign in Casper

Dale, As I said this is the Office of Vital Records but I simply can not confirm these numbers. As I mentioned in our conversation,

Pursuant to W.S. § 35-6-107 through 109, physicians are required to complete and submit annually to the Wyoming Department of Health (WDH) an Induced Termination of Pregnancy Reporting (ITOP) form if they perform or prescribe an abortion in Wyoming.

We have received no forms in 2012, none in 2011 and none in 2010. Several months back we wrote to each physician in the state reminding them of this requirement. Todate, we have received no forms.

I've cced Kim Deti above. She is the person to talk to or I need clearance from to provide any additional information. Although, I've given you what little I/we have.

Hope this helps,

Hi Jim,

Thank you for the interview this afternoon. I am sending this photo because the number of abortions advertised on this sign is between 5-6 abortions every day of the year on average, not 20 per day. So I want to confirm that this still seems wildly high compared to your zero numbers reported.

Thank you.

Sincerely,

Dale Bohren

PO Box 80

Casper, WY 82602

publisher@casperjournal.com

307-266-0516

307-267-3870 cellular

Jim McBride

Wyoming Department of Health Deputy State Registrar **Vital Statistics Services** Hathaway Building Cheyenne, WY 82002 Jim.McBride@wyo.gov

tel (307) 777-6040 fax (307) 777-2952

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Mariah Storey <mariah.storey1@wyo.gov> To: kim deti <kim.deti@wyo.gov>

Fri, May 15, 2015 at 3:32 PM

Yes, do you want the link to CDC website? They show the abortions that Wyoming residents have gotten out of state.

--Mariah

Please visit http://www.health.wyo.gov/rfhd/vital_records/reports.html for the 2013 VSS Annual Report.

Mariah Storey Vital Services Statistician 777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

kim deti <kim.deti@wyo.gov>

Fri, May 15, 2015 at 3:34 PM

To: Mariah Storey <mariah.storey1@wyo.gov>

No, I don't want to complicate if not needed. But he did ask about the source of the "requirement" to report.

[Quoted text hidden] [Quoted text hidden]

Guy Beaudoin <guy.beaudoin@wyo.gov>

Fri, May 15, 2015 at 3:40 PM

To: kim deti <kim.deti@wyo.gov>, Jim McBride <jim.mcbride@wyo.gov>, Mariah Storey <mariah.storey1@wyo.gov>

Kim,

Thanks for the message.

Yes it is still the same. No change since 2012.

Guy

On Fri, May 15, 2015 at 3:28 PM, kim deti kim.deti@wyo.gov wrote:

[Quoted text hidden]

Guy Beaudoin Vital Statistics Services Wyoming Department of Health [Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov>

Fri, May 15, 2015 at 3:42 PM

To: kim deti <kim.deti@wyo.gov>

ok good idea.

--Mariah

Please visit http://www.health.wyo.gov/rfhd/vital_records/reports.html for the 2013 VSS Annual Report.

Mariah Storey Vital Services Statistician 777-7632 mariah.storey1@wyo.gov

[Quoted text hidden]

kim deti <kim.deti@wyo.gov>

Fri, May 15, 2015 at 3:44 PM

To: Guy Beaudoin <guy.beaudoin@wyo.gov>, Jim McBride <jim.mcbride@wyo.gov>, Mariah Storey <mariah.storey1@wyo.gov>

The follow up question then from the reporter is IF we get these forms, would it tell us who is performing abortions in the state? I think he's looking for a way to determine the number of abortion providers in the state.

[Quoted text hidden] [Quoted text hidden]

Jim McBride <jim.mcbride@wyo.gov>

Fri, May 15, 2015 at 3:50 PM

To: kim deti <kim.deti@wvo.gov>

Cc: Guy Beaudoin <guy.beaudoin@wyo.gov>, Mariah Storey <mariah.storey1@wyo.gov>

Yes it does, give a doc name and the name of facility

[Quoted text hidden]

Mariah Storey <mariah.storey1@wyo.gov>

Fri, May 15, 2015 at 3:54 PM

To: Jim McBride <jim.mcbride@wyo.gov>

Cc: kim deti <kim.deti@wyo.gov>, Guy Beaudoin <guy.beaudoin@wyo.gov>

But since we don't receive reports it's kind of a mute point. Although, I just want to point out that that statue limits what we can report. And I believe we are not allowed to store the records electronically. So even if we had reports I'm not sure we would provide anything--we would have to really think about what we reported.

--Mariah

Please visit http://www.health.wyo.gov/rfhd/vital_records/reports.html for the 2013 VSS Annual Report.

Mariah Storey Vital Services Statistician 777-7632

mariah.storey1@wyo.gov

[Quoted text hidden]

Jim McBride <jim.mcbride@wyo.gov>

Fri, May 15, 2015 at 3:56 PM

To: Mariah Storey <mariah.storey1@wyo.gov>

Cc: kim deti <kim.deti@wyo.gov>, Guy Beaudoin <guy.beaudoin@wyo.gov>

All correct, don't believe we have received a report in more than a year, maybe two [Quoted text hidden]